

CLAIMS**WHAT IS CLAIMED IS:**

1. A fire fighting system, comprising:

5 pumping at least 2000 gpm water from a large water reservoir toward an industrial hazard; and

10 adding, in an around-the-pump system, at least one water additive from an additive source to the pumped water through a fitting at least initially separate from the pump, the fitting established on a suction side of the pump and in fluid communication between a reservoir outlet and the suction side.

15 2. The system of claim 1 including adding a water additive to a line through the fitting, the line in fluid communication between

20 1) a source of additive and a suction side
of the pump and between
2) a reservoir outlet and a suction side of
the pump.

3. The system of claim 1 including locating the fitting at a reservoir outlet.

25 4. The system of claim 1 including locating the fitting at a suction side of the pump.

30 5. The system of claim 1 including locating the fitting in a line leading from a reservoir outlet to a suction side of the pump.

6. The system of claim 1 wherein the around-the-pump system includes porting, through a line established on a discharge side of the pump, at least a portion of water from the discharge side to a suction side of the pump.

35 7. The system of claim 6 wherein the porting includes porting through a jet pump in fluid communication with a source of water additive.

8. The system of claim 1 wherein the water additive includes foam concentrate.

9. A fire fighting system, comprising;

a large water reservoir;

a 2000 or greater gpm pump;

5 a source of water additive; and

a fitting at least initially separate from the pump and attached between and adapted for fluid communication with

- 1) a reservoir outlet and a suction side of the pump and
- 2) an additive source and a suction side of the pump.

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10. The apparatus of claim 9 with the fitting structured to provide an inlet for a water additive line from the additive source.

15 11. The apparatus of claim 9 wherein the fitting is adapted to attach to a reservoir outlet.

12. The apparatus of claim 9 wherein the fitting is adapted to attach to a suction side of the pump.

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13. The apparatus of claim 9 wherein the fitting is adapted to attach in a line running from a reservoir outlet to a suction side of the pump.

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14. The apparatus of claim 9 wherein the fitting is adapted to attach to a jet pump outlet, the jet pump in fluid communication with a source of water additive.

30 15. The apparatus of claim 9 wherein the water additive includes foam concentrate.

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16. A fire fighting system, comprising;

a large water reservoir;

a 2000 or greater gpm pump;

a source of water additive; and

means separate from the pump for connecting an around-the-pump

additive supply line with a suction side of the pump.

17. A fire fighting system, comprising;

attaching at least one line for fluid communication of water from a large reservoir to a 2000 or greater gpm pump;

attaching at least one around-the-pump line for fluid communication of output from a discharge side of the pump to a suction side of the pump;

5 attaching at least one fitting providing for fluid communication through the around-the-pump line to a suction side of the pump.

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